

WHAT IS CLAIMED IS:

1. A rivet structure comprising a main body having a first end formed

3 with an enlarged head and a second end formed with an extended column,

.4 wherein:

the main body is provided with four opposite fixing plates;

6 each of the four fixing plates has a tapered face; and

each of the four fixing plates has a bottom face, and the bottom faces

8 of the four fixing plates form a square shaped configuration.

9 2. The rivet structure in accordance with claim 1, wherein the

10 extended column has an inner wall formed with an inner thread.

11 3. The rivet structure in accordance with claim 1, wherein each of the

12 four fixing plates has a pyramid shape.

13 4. The rivet structure in accordance with claim 1, wherein the four

14 fixing plates are arranged in a symmetrical manner.

15 5. The rivet structure in accordance with claim 1, wherein each of the

16 four fixing plates is formed on a connection between the enlarged head and the

17 extended column.

18 6. The rivet structure in accordance with claim 1, wherein each of the

19 four fixing plates is formed on a side of the enlarged head and is extended to a

20 periphery of the extended column.

1 7. The rivet structure in accordance with claim 1, wherein the tapered
2 face of each of the four fixing plates has a thickness gradually reduced from the
3 enlarged head to the periphery of the extended column.

4 8. The rivet structure in accordance with claim 1, wherein the main
5 body is riveted on an article which is formed with a rivet hole, and the tapered
6 face of each of the four fixing plates of the main body is penetrated into a
7 periphery of the rivet hole of the article, thereby forming a tapered locking
8 groove in the periphery of the rivet hole of the article, so that the main body is
9 locked in the rivet hole of the article rigidly and stably, thereby preventing the
10 main body from being rotated relative to the article.

11 9. The rivet structure in accordance with claim 8, wherein the rivet
12 hole of the article has a diameter equal to an outer diameter of the extended
13 column of the main body.

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